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To: MRyan@lsuhsc.edu
Subject: Fw: 05-17-2010 CDC SITREP #5- Deepwater Horizon
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Attachments: [05-17-2010 CDC SITREP 5- Deepwater Horizon.docx](#)

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05/18/2010
01:01 PM

From: EOC Report (CDC)
Sent: Monday, May 17, 2010 5:00 PM
To: Adams, William J. (CDC/OPHPR/DEO); Allred, Phillip M. (Mike) (CDC/ONDIEH/NCEH); Austin, Mark E. (CDC/OPHPR/DEO); Banaski, James (CDC/ONDIEH/NCEH); Benoit, Stephen (CDC/OSELS/NCPHI); Black, Erin (CDC/OPHPR); Bruce, Sherrie (CDC/OID/NCPDCID); Burden, Bernadette (CDC/OD/OADC); Burgin, Deborah (ATSDR/DRO); Burney, Bruce (CDC/OPHPR/DEO); Butler, Denise (CDC/OPHPR/DEO) (CTR); CDC IMS JIC Triage; Channer, Mark A. (CDC/OPHPR/DEO); Cieslak, Ted (CDC/OPHPR/OD); Conley, Clarice (CDC/OSELS/NCHM) (CTR); Costello, Ryan (ATSDR/DRO); Cox, Joanne D. (CDC/OSELS/NCHM); Crockett, James B. (CDC/OPHPR/DEO); Cruz, Miguel (CDC/ONDIEH/NCEH); Deitchman, Scott (CDC/ONDIEH/NCEH); DeSantis, David (CDC/OSELS/NCHM); Duckworth, Melanie A. (CDC/OSLS); EOC Report (CDC); Funk, Renee (CDC/NIOSH/OD); Holler, James S. (Jim) (ATSDR/DTEM/PRMSB); Johnson, Mark (ATSDR/DRO); Jones, Steve (ATSDR/DRO); Kapil, Nisha G. (CDC/ONDIEH/NCEH) (CTR); Kennedy, David N. (CDC/OPHPR/DEO); Lamont, Brock (CDC/OSLS); Lewis, Lauren S. (CDC/ONDIEH/NCEH); Little, Joseph D. (CDC/NIOSH/OD); MacDonald, Mary (CDC/OCOO/FMO); Navin, Philip

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Cc: EOC Report (CDC)

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Incident Notice – Update

SITREP #5

Narrative:

- **SITUATION:** On 4/20/2010 an explosion occurred on the Mobile Offshore Drilling Unit (MODU) Deepwater Horizon. The subsequent fire continued to burn until the MODU sank. The overpressure safety devices built into the MODU drilling string failed resulting in a continuing oil spill in the Gulf of Mexico.
- **EOC ACTIVATION:** May 10, 2010, 1624 hours.
- HHS Senior Leader calls shifted from daily to M-W-F.

Overview of CDC Strategic Objectives:

- Provide assistance on all matters related to the assessment of health hazards at a response and protection of response workers and the public health.
- When presented cases of confirmed human exposure determine whether illnesses, diseases, or complaints may be attributable to exposure to a hazardous material.
- Establish disease/exposure registries and conduct appropriate clinical testing as requested.
- As it relates to the Deepwater Horizon Oil Spill response, develop, maintain, and provide information on the health effects of toxic substances.

CDC Activities:

Scientific Response Section (SRS):

- Supplied the REOC and Water Quality Division updates from Region 6 to Plans, SA, CHO, and others. Uploaded these to the SRS COP Documents page under the "EPA Documents" sub-folder.

Worker Safety and Health Activities:

- NIOSH provided situation awareness follow-up on worker exposures and complaint-based training initiate over the weekend to LA SMO/Senior Advisor Technical Assistance.
- NIOSH provided UAC Safety Manager a review of BP Shoreline Clean Up Worker PPE

and Ergonomic Safety Assessment.

- NIOSH established initial plans to visit BP worker training staging areas in LA, MS, AL and FL this week to roster responders. A total of 150 responders were rostered on Sunday and 105 today (Monday).
- NIOSH field unit staff levels increased to 4 staff deployed at BP Unified Command, Houma LA – effective Sunday May 16th.
- A staffing plan for the remainder of May and June is progressing with desired daily deployed staffing level projected to be maintained at a minimum of 4, with a maximum of 5-6 staff through end of June.

Environmental Health Team

- ATSDR, Region 4, and Region 6 have produced an interim final air screening levels table and a “decision tree” for evaluating the VOC data in air sampled for during the Deepwater Horizon Incident response. The table currently contains values for 49 of the 64 VOCs. Two updates to the table will be prepared next week.
- ATSDR forwarded the corrected CDC fact sheets to the Public Health Unit for distribution to the states. ATSDR evaluated additional dispersant and surface washing agents for their toxicity.
- ATSDR provided State toxicologists the draft document on the “Gulf Screening Values & Decision Making Tree”.
- ATSDR reviewed the 05/14/2010 **Center for Toxicology and Environmental Health** (CTEH) air monitoring/sampling/odor detection results. ATSDR provided comments on the Florida “Fish Kills FAQs”.
- ATSDR provided a draft document entitled “Dispersants and Safety in Seafood” to the FDA for their review.
- ATSDR facilitated the final integration of Federal data management with in a meeting with EPA and NOAA HAZMAT.
- Providing continuity for the on-site support to the Mobile Unified Post.
- Provided comments to the SRS and the JIC reference hydrogen sulfide readings for the EPA.
- Provided comments to NOAA HazMat on a briefing paper they were preparing on the health effects of crude oil.. Referred NOAA to the fact sheets on the website.
- Provided comments to the CDC/ATSDR desk in the EPA EOC on health and safety of workers dealing with dispersants.
- Provided an evaluation to EPA on the human health implications of two separate data packages. This brings the total completed to date to 10 data packages. None of the data indicate an human health hazard related to crude oil.
- Received two new data packages and a package of corrected lab reports from previous data packages. The review of the first data package is awaiting technical concurrence on comparison values for some of the new substances being reported.
- Completed a first draft of a fact sheet describing Environmental Health role in the review of environmental data and submitted for review and comment prior to submitting it for cross-clearance.
- Began a review of a guidance document on crude oil prepared by the National Park Service.
- Began addressing resiliency issues for both data review and on-site support to the Mobile Command Post.

Epidemiology/Surveillance

- Section of Environmental Epidemiology and Toxicology (SEET) received 3 reports through its ER surveillance of individuals treated in the ER related to the oil spill. Two (New

Orleans area) complained of bad odors causing respiratory problems; the 3rd worked on a rig in the area next to the BP rig. Complaints include nausea, raw throat, skin irritation, burning chest, and mild cough. SEET is attempting to contact patient and obtain specific rig information. SEET received two calls to the hotline. The two individuals lived on the northshore and said they were experiencing headaches due to the strong odor.

- Per Louisiana Poison Center - No items of significance to report.
- No update activities have been received today from the remaining states, poison control centers, or BioSense.

Deployments: CDC has 2 personnel deployed to Mobile, AL, and 4 personnel to Houma, LA, for a total of 6 deployed personnel.

ATSDR Liaison to EPA HQ Emergency Operations Center Desk: Information was requested from EPA PIO on any information on crude oil or dispersant toxicity. The relevant pages from the CDC/ATSDR website for health professionals were forwarded.

Joint Information Center:

Communication Channels and Traffic: Nothing to report.

Outreach to Public: In Clearance – National Park Service Science Guidance

Outreach to Responders:

- In Clearance – Coastal Residents Factsheet
- In Clearance – Health Departments Factsheet

News and Social Media Report: Nothing to report.

Situational Awareness (SA):

- Monitoring, reviewing, and analyzing data and information and distributing same to CDC leadership and EOC staff for their situational awareness.
- Uploading NOAA, EPA, US DOI, and other data sets to the CDC EOMS COP and distributing to pertinent CDC SMEs and POCs.

Plans: Coordinating daily SITREP and HHS EXSUM.

Logistics: NSTR

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05-17-2010 CDC SITREP 5- Deepwater Horizon.docx